

#### **MULTIFUNCTIONAL DIGITAL SYSTEMS**

# **Safety Information**

©-STUDIO5540c/6540c/6550c ©-STUDIO2040c/2540c/3040c/3540c/4540c



#### **Preface**

Thank you for purchasing the Toshiba Multifunctional Digital Systems.

The SAFETY INFORMATION describes the necessary precautions for using this TOSHIBA Multifunctional Digital

For your added safety, be sure to read this booklet before using this equipment. The models vary from region to region. Model name:

- e-STUDIO5540C/6540C/6550C
- e-STUDIO2040C/2540C/3040C/3540C/4540C

If there is a model name in the note, the corresponding model is applicable. If not, the above models are applicable. Example:

e-STUDIO5540C/6540C/6550C: This is a note for using e-STUDIO5540C/6540C/6550C.

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#### **Security Precautions**

In order to make correct use of this products security function, first read the following precautions carefully.

#### **■** To Administrators

- To avoid physical security problems, such as hardware removal or inappropriate disassembly at the installation site, take all necessary measures, such as checking who enters and leaves the site.
- When connecting this product with an outer network such as the Internet, only operate it in a network environment
  protected by a firewall, etc. to prevent information from being leaked due to incorrect settings or avoid illegal access by
  unauthorized users.
- To prevent the configuration settings from being changed illegally or similar, change the initial administrator password at the time of shipping before you use this product. Also, the administrator password should be altered periodically.
- In order to make proper use of the network and user management functions, be sure to read the TopAccess Guide first
- Manage and operate this equipment according to your security policy, and explain the security instructions to general
  users as well.
- Always check if the network function and user management function are enabled in order to maintain security. Should
  you happen to come across any abnormality, contact your service technician immediately. See the TopAccess Guide
  for the checking method.

#### **■** Data Encryption Function

An icon appears on the touch panel when the Data Encryption Function is enabled on this equipment.

#### How to check the active status of Data Encryption Function

Press the [COUNTER] button on the control panel. This icon 🗈 appears at the touch panel if the Data Encryption Function is enabled.

Contact your service technician for the use of the Data Encryption Function.



#### **Notice to Users**

After a suitable place has been selected for the installation of the e-STUDIO5540C/6550C or the e-STUDIO2040C/2540C/3040C/3540C/4540C, please do not change it. Avoid excessive heat, dust, vibration and direct sunlight. Also, provide proper ventilation as the copier emits a small amount of ozone.

#### For the U.S.A. only

#### **FCC NOTICE**

#### e-STUDIO5540C/6540C/6550C

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 and Part 18 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

#### e-STUDIO2040C/2540C/3040C/3540C/4540C

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

#### WARNING

Changes or modification made to this equipment, not expressly approved by TOSHIBA TEC or parties authorized by TOSHIBA TEC, could void the user's authority to operate the equipment.

#### **User Safety**

This TOSHIBA Multifunctional Digital Systems does not produce laser radiation hazardous to the user. It is certified as a Class 1 laser product under the U.S Department of Health and Human Services (DHHS) Radiation Performance Standard according to the Radiation Control Health and Safety Act of 1968 including amendments.

Protective housing and external covers completely confine the laser beam light emitted inside the Multifunctional Digital Systems. The laser beam cannot escape from the machine during any phase of user operation.

Regulations implemented on August 2, 1976 by the Bureau of Radiological Health (BRH) of the U.S Food and Drug Administration apply to laser products manufactured from August 1,1976. Laser products marketed in the United States must comply with these regulations.

#### CAUTION

Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

#### For the U.S.A. and Canada

#### **Regulatory Information**

Toshiba is dedicated to preserving the environment by sponsoring Call2Recycle, a program of the Rechargeable Battery Recycling Corporation. For more information and for drop-off locations, visit www.rbrc.org or call 1-800-822-8837.

Notice regarding CR coin cell batteries, applicable to California, U.S.A. only: Perchlorate Material - special handling may apply. See http://www.dtsc.ca.gov/hazardouswaste/perchlorate/



The high efficiency LCD backlights used in this product contains 5 mg or less of Mercury, the disposal of which may be regulated due to environmental considerations. For disposal or recycling information, please contact your local authorities or the Electronic Industries Alliance (www.eiae.org).

#### e-STUDIO5540C/6540C/6550C

The unit is classified as Class 1 Laser Product according to IEC 60825-1:1993, IEC60825-1:2007 including amendments. The unit uses laser diodes with a max. output of 13.3 mW, a wavelength of 788 nm at a continuous pulse.

#### e-STUDIO2040C/2540C/3040C/3540C/4540C

The unit is classified as Class 1 Laser Product according to IEC 60825-1:1993, IEC60825-1:2007 including amendments. The unit uses laser diodes with a max. output of 30 mW, a wavelength of 790 nm at a continuous pulse.

Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

#### For Canada only

This Class A digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe A est conforme à la norme NMB-003 du Canada.

#### Except the U.S.A. and Canada

#### e-STUDIO5540C/6540C/6550C

The unit is classified as Class 1 Laser Product according to IEC 60825-1:1993, IEC60825-1:2007 including amendments. The unit uses laser diodes with a max. output of 13.3 mW, a wavelength of 788 nm at a continuous pulse.

#### e-STUDIO2040C/2540C/3040C/3540C/4540C

The unit is classified as Class 1 Laser Product according to IEC 60825-1:1993, IEC60825-1:2007 including amendments. The unit uses laser diodes with a max. output of 30 mW, a wavelength of 790 nm at a continuous pulse.

#### Caution:

Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

#### For the EU only

#### Working environment

 $\label{lem:compatibility} From \ E\ MC \ (Electromagnetic \ Compatibility) \ point \ of \ view, \ the \ operation \ of \ this \ product \ is \ being \ restricted \ in \ following \ environments:$ 

- Medical Environments: This product is not certified as a medical product according to the Medical Product Directive 93/42/EEC.
- Domestic environments (e.g. a private living room with TV / Radio sets in the nearby surrounding area) because this is a so called EMC class A product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures!

Any consequences resulting from the use of this product in restricted working environments are not the responsibility of TOSHIBA TEC.

The consequences of the use of this product in restricted working environments may be an electromagnetic interference with other devices or machines in the nearby surrounding area. This can result into malfunction including data loss / data error pertaining to this product or the other devices / machines involved in the electromagnetic interference.

Furthermore, for general safety reasons, the use of this product in environments with explosive atmospheres is not permitted.

#### **CE** compliance

This product is labelled with the CE mark in accordance with the provisions of the applicable European Directives, notably the Low Voltage Directive 2006/95/EC, the Electromagnetic Compatibility Directive 2004/108/EC for this product and the electric accessories, the Radio Equipment and Telecommunications Terminal Equipment Directive 1999/5/EC for the telecommunication accessories. CE marking is the responsibility of TOSHIBA TEC GERMANY IMAGING SYSTEMS GmbH, Carl-Schurz-Str. 7, 41460 Neuss, Germany, phone +49-(0)-2131-1245-0.

For a copy of the related CE Declaration of Conformity, please contact your dealer or TOSHIBA TEC.

#### Warning:

This is a Class A product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

Following information is for EU-member states only:



This product is marked according to the requirement in EU-Directive 2002/96/EC. (Directive on Waste electrical and electronic equipment - WEEE)

The use of the symbol indicates that this product may not be disposed as unsorted municipal waste and has to be collected separately. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product.

For more detailed information about the take-back and recycling of this product please contact your supplier where you purchased the product.

Following information is for EU-member states only:

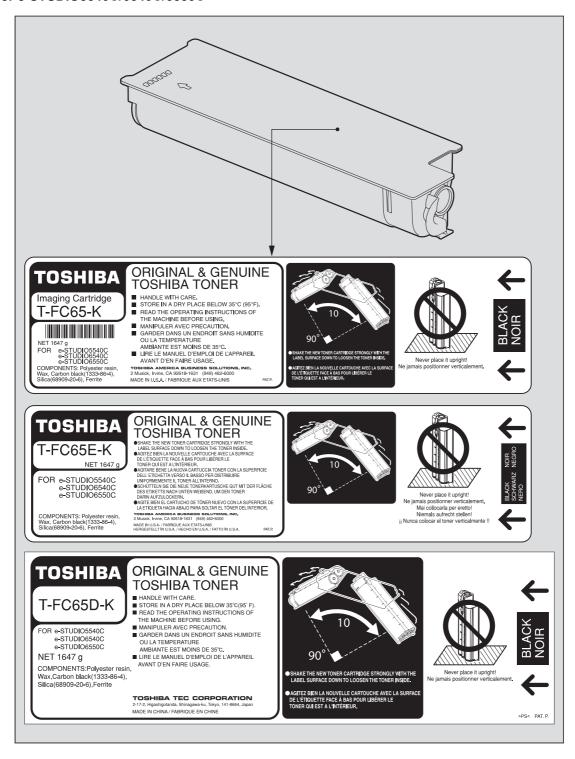


Disposal of batteries and/or accumulators (based on EU-Directive 2006/66/EC, Directive on batteries and accumulators and waste batteries and accumulators)

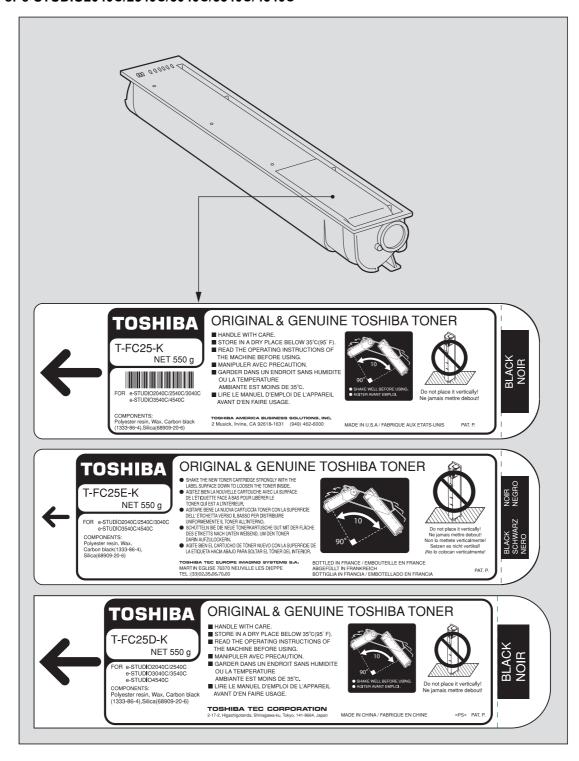
By ensuring that batteries and/or accumulators are disposed of correctly, you will help prevent potential negative consequences for the environmental and human health, which could otherwise be caused by inappropriate waste handling of this product. For more detailed information about the take-back and recycling of batteries and/or accumulators, please contact your supplier where you purchased this product.

It is recommended that genuine Toshiba supplies and parts be used to obtain optimum results.

#### For e-STUDIO5540C/6540C/6550C



#### For e-STUDIO2040C/2540C/3040C/3540C/4540C



#### **■** Supplies / Parts

#### Dependability

Genuine Toshiba supplies are subjected to the strictest of inspections so that every supply you receive will perform at optimal levels.

#### High Productivity

Genuine Toshiba supplies are created to meet the demands of our competitive world and provide highspeed reliable copies when you need them.

#### Stable Image Quality

Genuine Toshiba supplies are designed to provide consistently stable image output.

#### · Copier-friendly Supplies

Genuine Toshiba supplies are designed to help to keep the copier and all its parts in troublefree working order. Reduction of machine wear is due to Toshiba's intimate knowledge of the copier's characteristics, ensuring the highest standard of care.

#### · Perfectly Suited Supplies

From the beginning Toshiba supplies and machines were made for each other. Whenever Toshiba designs a new machine, it also designs a new toner that is made just for that machine. By using Genuine Toshiba supplies with Toshiba copiers, you are guaranteed optimum performance.

#### **■** Toner

#### · Optimum Image Quality

Toshiba toner is manufactured using ultra-fine quality materials under precisely controlled conditions to ensure that your Toshiba copiers will continually generate sharp high-quality images.

#### **Cost Advantage**

Genuine Toshiba toner provides value. Only the proper amount of toner is used during the reproduction process, thereby enabling the machine to continue to operate until all the toner has been used. In this way you get the full value from each cartridge used.

#### • Environmental Harmony

Genuine Toshiba toner is manufactured with the environment in mind. To protect our planet for the benefit of future generations, we use embossed or plastic labels, making our toner cartridges fully recyclable. In addition, dust and ozone levels have been reduced to improve the working environment.

#### User Friendly

Before approving our toners for sale, we test them to be sure that they pass the strictest of health standards. This takes all the worry out of handling the toner.

#### ■ General

#### Service and Support Benefits

Toshiba's Service technicians are certified to keep your copier performing at optimum levels. To ensure continuous image quality, utilize an authorized Toshiba Service provider to care for and perform periodical maintenance on your copier.

#### ■ How to read this manual

#### ☐ Symbols in this manual

In this manual, some important items are described with the symbols shown below. Be sure to read these items before using this equipment.

**⚠ WARNING** 

Indicates a potentially hazardous situation which, if not avoided, could result in death, serious injury, or serious damage, or fire in the equipment or surrounding objects.

**A** CAUTION

Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury, partial damage to the equipment or surrounding objects, or loss of data.

Note

Indicates information to which you should pay attention when operating the equipment.

Other than the above, this manual also describes information that may be useful for the operation of this equipment with the following signage:

Tip Describes handy information that is useful to know when operating the equipment.

Pages describing items related to what you are currently doing. See these pages as required.

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## **GENERAL PRECAUTIONS**

This chapter describes the necessary safety precautions for using the equipment.

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#### **General Precautions**

#### ■ When installing or moving

#### 

#### e-STUDIO5540C/6540C/6550C

#### For the U.S.A. and Canada

Multifunctional Digital Systems require 115 V, 20 A (or 15 A + 20 A), 50/60 Hz electric power. The power cables are recommended to be plugged in two separate outlets for stable power supply. If two power cables are plugged into a single outlet, be sure to use at least a 20 A dedicated outlet.

#### For the EU

Multifunctional Digital Systems require 220 to 240 V AC, 13 A, 50/60 Hz electric power.

#### Except the U.S.A., Canada and the EU

Multifunctional Digital Systems require 220 to 240 V AC, 10 A, 50/60 Hz electric power.

#### e-STUDIO2040C/2540C/3040C/3540C/4540C

#### For the U.S.A. and Canada

Multifunctional Digital Systems require 115 V, 15 A, 50/60 Hz electric power.

#### For the EU

Multifunctional Digital Systems require 220 to 240 V AC, 10 A, 50/60 Hz electric power.

#### Except the U.S.A., Canada and the EU

Multifunctional Digital Systems require 220 to 240 V AC, 10 A, 50/60 Hz electric power.

- Do not use a power supply with a voltage other than that specified.
  - Avoid multiple connections in the same outlet. This could cause a fire or give you an electric shock. If you are considering increasing the number of outlets, contact an electrician.
- Always connect this Multifunctional Digital Systems to an outlet with a ground connection to avoid the danger of fire or
  electric shock in case of short-circuiting. Contact your service representative for the details. Be sure to use a
  3-conductor, grounded wall outlet.
  - In areas, except the U.S. and Canada, where a 2-pin plug is used, the Multifunctional Digital Systems must be grounded for safety. Never ground it to a gas pipe, a water pipe, or any other object not suitable for grounding.
- Plug the power cord securely into the outlet. If it is not plugged in properly, it could heat up and cause a fire or give you an electric shock.
- · Do not damage, break or attempt to repair the power cord.

The following things should not be done to the power cord.

- Twisting it
- Bending it
- Pulling it
- Placing anything on it
- Heating
- Situating it near radiators or other heat sources

This could cause a fire or give you an electric shock. If the power cord is damaged, contact your service representative.

- Do not install the equipment by yourself or try to move it once it has been installed. This could result in an injury or damage to the device. Contact your service representative if the equipment needs to be installed or moved.
- The socket outlet shall be near the equipment and be easily accessible.
- Pull out the plug from the outlet more than once a year to clean around the prongs. Accumulating dust and dirt could cause a fire due to the heat released by electric leakage.

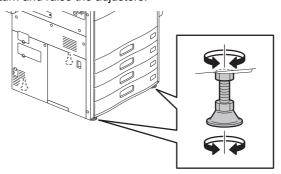
#### **A** CAUTION

- When removing the plug from the outlet, do not pull the power cord. Always hold the plug when removing it from the outlet. If the power cord is pulled, the wires may break and this could cause a fire or give you an electric shock.
- Make sure that the ventilation holes are not blocked.
   If the temperature within the Multifunctional Digital Systems becomes too high, a fire could result.

#### e-STUDIO5540C/6540C/6550C

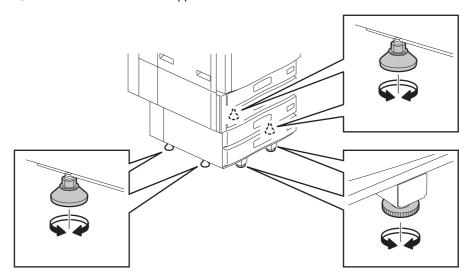
• There are 4 adjusters (stoppers) at the bottom of the equipment (2 in the rear, 2 in the front). After moving/installing the equipment, be sure to turn and lower the adjusters, and then fix them firmly on the floor.

Before moving the equipment, turn and raise the adjusters.



#### e-STUDIO2040C/2540C/3040C/3540C/4540C

• The Paper Feed Pedestal (optional) has 4 antiskid devices and 2 fall-preventing stoppers on the bottom. When moving this equipment, turn them in the direction of arrows (see figures below) and raise them to unfix the equipment. After it has been moved, be sure to turn them in the opposite direction and lower them to fix it.



#### **⚠ WARNING**

Do not install the equipment by yourself or try to move it once it has been installed. This could result in an injury or damage to the device. Contact your service representative if the equipment needs to be installed or moved.

#### □ Other points

 If there is insufficient space around the equipment, the poor ventilation will result in malfunction, also some operations such as bypass feeding and releasing paper jams may become difficult. To ensure adequate space, follow the table below as a guide.

Model	Adequate space			
Woder	Rear	Left	Right	
e-STUDIO5540C/6540C/6550C	10 cm (3.9")	30 cm (11.8") *1, *2	50 cm (19.7") *3	
e-STUDIO2040C/2540C/3040C/3540C/4540C	10 cm (3.9")	30 cm (11.8")	80 cm (31.5")	

- \*1 When the finisher is installed, a space of approx. 80 cm (31.5") from the left edge of its exit tray is needed.
- \*2 Space from the left edge of the exit tray of the equipment
- \*3 Space from the right edge of the automatic duplexing unit
- Be sure to fix the power cable securely so that no one trips over it.
- Adverse environmental conditions may affect the safe operation and performance of the Multifunctional Digital Systems, and the Multifunctional Digital Systems could break down.
  - Avoid locations near windows or with exposure to direct sunlight.
  - Avoid locations with drastic temperature fluctuations.
  - Avoid too much dust.
  - Avoid locations that suffer from vibration.
- Make sure that the air is able to flow freely and that there is sufficient ventilation.
   Without adequate ventilation, the unpleasant odor released by ozone will begin to dominate the atmosphere.

#### ■ When using the Multifunctional Digital Systems

#### ⚠ WARNING

- Do not take off the cover of the equipment; otherwise you could be injured or get an electric shock.
- Do not remove or connect the plug with wet hands, as this could give you an electric shock.
- Do not place any container with liquid (flower vases, coffee cups, etc.) on or near the equipment. This could cause a fire or give you an electric shock.
- Keep paper clips and staples away from the air vent. If not, a fire could result or you could get an electric shock.
- If the Multifunctional Digital Systems becomes excessively hot, smoke comes out of it or there is an odd smell or noise, proceed as follows.
- Turn the main power switch OFF and remove the plug from the outlet, then contact your service representative.
- If the Multifunctional Digital Systems will not be used for more than one month, remove the plug from the outlet for safety purposes during that time. If an insulation failure occurs, this could cause a fire or give you an electric shock.

#### **A** CAUTION

- Do not place heavy objects (4 kg/9 lb. or more) on the original glass and do not press on it with force. Breaking the glass could cause personal injury.
- Do not place heavy objects (4 kg/9 lb. or more) on the Multifunctional Digital Systems. If the objects fall off, this could cause injury.
- Do not touch the fuser unit or the metal area around it. Since they are very hot, you could be burned or the shock could cause you to injure your hand in the machine.
- Be careful not to let your fingers be caught when closing the drawer. This could cause an injury.
- Be careful not to let your fingers be caught between the equipment and the duplexing unit or automatic duplexing unit. This could cause an injury.
- Do not touch the metal portion of the guide plate in the duplexing unit or automatic duplexing unit as it could burn you.
- Do not touch the hinge (= a connecting part) on the rear side of the Reversing Automatic Document Feeder. This could catch and injure your fingers when you open or close the Reversing Automatic Document Feeder.
- Always keep hands and fingers clear of FINISHER TRAY HINGE, as the tray could move unexpectedly. Failure to do so could result in injury to your hand and/or fingers.
- Do not use the pulled out drawers as steps. This could injure you if you fall.

#### e-STUDIO5540C/6540C/6550C

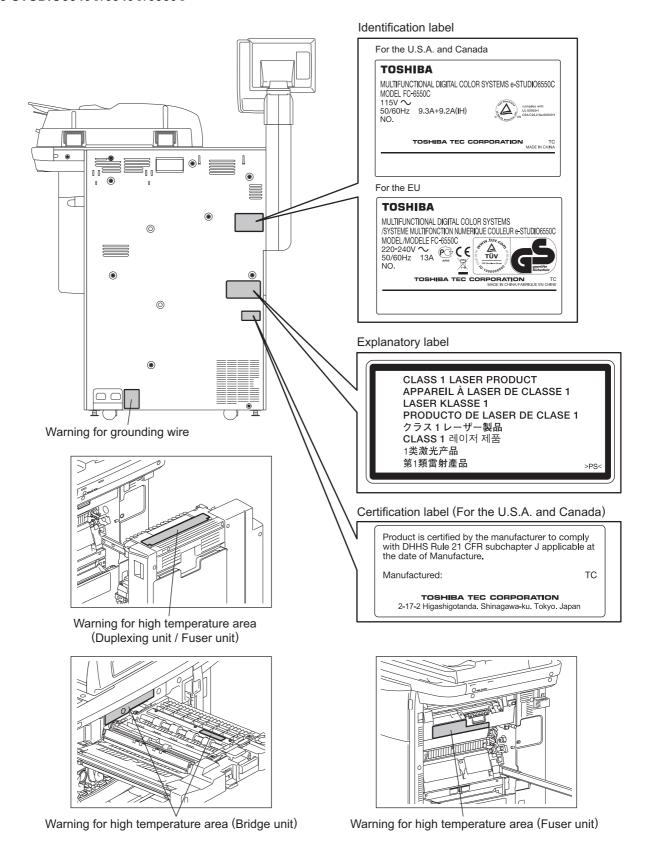
- · Be careful not to catch your fingers between the duplexing unit and its cover. This could cause an injury.
- Do not touch the metal portion of the bridge unit as it could burn you.

#### e-STUDIO2040C/2540C/3040C/3540C/4540C

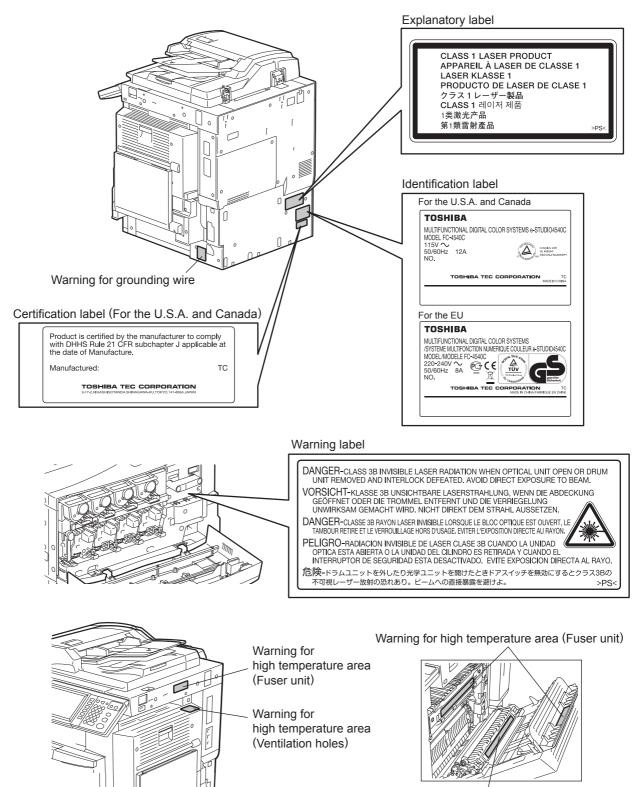
- When changing the angle of the control panel, be careful not to catch your hands in the gap between the equipment and the control panel. This could cause personal injury.
- Do not place objects of weighing 3.3 kg/7.3 lb. or more on the optional work table. Breaking the work table could cause personal injury.

#### ☐ Position of certification Labels, etc.

#### e-STUDIO5540C/6540C/6550C



#### e-STUDIO2040C/2540C/3040C/3540C/4540C



Warning for handling transfer belt

#### □ Other points

- Be very careful to treat the touch panel gently and never hit it. Breaking the surface could cause malfunctions.
- Do not turn the power OFF with paper left jammed inside the equipment.
  - This could cause a malfunction when the power is turned ON next time.
- Be sure to turn the power OFF when leaving the office or if there is a power outage. However, do not turn the power OFF if the weekly timer is in use.
- Be careful because the paper exit area and paper just after exiting are hot.
- Do not place anything other than paper on the receiving tray. This could disturb a normal operation and cause malfunctions.
- · Do not touch the photoconductive drum, transfer belt and 2nd transfer roller. This could cause image problems.
- · Do not open/close the covers and the bypass tray, or pull out the drawers during printing.

#### ■ During maintenance or inspection

#### ⚠ WARNING

- Never attempt to repair, disassemble or modify the Multifunctional Digital Systems by yourself. You could cause a fire
  or get an electric shock.
  - Always contact your Service representative for maintenance or repair of the internal parts of the Multifunctional Digital Systems.
- Do not let liquids such as water and oil get into the system when cleaning the floor. This could cause a fire and give you an electric shock.

#### **A** CAUTION

- Always keep the plug and outlet clean. Prevent them from accumulating dust and dirt. This could cause a fire and give you an electric shock due to the heat released by electric leakage.
- · Do not touch the stapling area. The actual needle point could cause you personal injury.

#### □ Other points

- · Do not use such solvents as thinner or alcohol when cleaning the surface of the Multifunctional Digital Systems.
  - This could warp the shape of the surface or leave it discolored.
  - When using a chemical cleaning pad to clean it, pay attention to any cautionary points.

#### ■ When handling supplies

#### **⚠** CAUTION

 Never attempt to incinerate toner cartridges and waste toner boxes. Dispose of used toner cartridges and waste toner boxes in accordance with local regulations.

#### □ Other points

- Read the operator's manual carefully to replace the toner cartridge using the correct procedure. An improper procedure could cause toner leakage or scattering.
- Do not open the toner cartridge forcibly. This could cause toner leakage or scattering.
- Keep the toner cartridge out of the reach of children.
- If toner is spilt on your clothes, wash it off with cold water. Your clothes will be stained with toner and it will not come out if you use warm water.
- If toner leaks from the toner cartridge, be careful not to inhale or touch it.

#### First-aid measures

If you inhale or touch toner, etc; carry out the following treatment.

- Inhalation: Remove from exposure area to fresh air immediately. Contact a physician if there is any difficulty in breathing or other signs of distress.
- Skin Contact: Wash with soap and water. Wash clothing before reuse. If irritation occurs or is persistent, seek medical attention.
- Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes. If irritation persists, call a physician.
- Ingestion: Dilute stomach contents with several glasses of water.

## **ENVIRONMENTAL INFORMATION**

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#### **Environmental Information**

#### **■ ENERGY STAR® Program**

Toshiba Tec Corporation, as a member of the ENERGY STAR Program, attaches the ENERGY STAR logo to all products which meet the ENERGY STAR Program requirements.



The ENERGY STAR Program aims at the promotion of the development and wider usage of office equipment including energy-efficient computers in order to address environmental issues such as global warming. Manufacturers that participate in this program can attach the ENERGY STAR logo to products after confirming that they meet the energy saving standards of this program. Also, these standards and logo are commonly used within the U.S. Environmental Protection Agency (EPA) and participating countries.

Specified products, sales countries or regions may not be included.

To distinguish whether or not the product meets the ENERGY STAR Program requirements, check if the corresponding logo is on the product.

If you have any questions, contact your service representative.

## MULTIFUNCTIONAL DIGITAL SYSTEMS Safety Information

**E**-STUDIO5540c/6540c/6550c

**E**-STUDIO 2040 c / 2540 c / 3040 c / 3540 c / 4540 c

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